

CONTENTS OF VOLUME 17

Number 1

<i>P.-A. Thompson and P. Couture (Canada)</i>	
Aspects of carbon metabolism in the recovery of <i>Selenastrum capricornutum</i> populations exposed to cadmium	1
<i>L. Enserink, W. Luttmer and H. Maas-Diepeveen (The Netherlands)</i>	
Reproductive strategy of <i>Daphnia magna</i> affects the sensitivity of its progeny in acute toxicity tests	15
<i>M. Lydy, T.W. Lohner and S.W. Fisher (U.S.A.)</i>	
Influence of pH, temperature and sediment type on the toxicity, accumulation and degradation of parathion in aquatic systems	27
<i>G.D. Marty, J.M. Núñez, D.J. Lauren and D.E. Hinton (U.S.A.)</i>	
Age-dependent changes in toxicity of <i>N</i> -nitroso compounds to Japanese medaka (<i>Oryzias latipes</i>) embryos	45
<i>M. Nendza and W. Klein (F.R.G.)</i>	
Comparison QSAR study on freshwater and estuarine toxicity	63
<i>R.W. Winner, H.A. Owen and M.V. Moore (U.S.A.)</i>	
Seasonal variability in the sensitivity of freshwater lentic communities to a chronic copper stress	75

Number 2

<i>G.L. Swartzman, F.B. Taub, J. Meador, C. Huang and A. Kindig (U.S.A.)</i>	
Modeling the effect of algal biomass on multispecies microsomes response to copper toxicity	93
<i>P.A. van Veld, D.J. Westbrook, B.R. Woodin, R.C. Hale, C.L. Smith, R.J. Huggett and J.J. Stegeman (U.S.A.)</i>	
Induced cytochrome P-450 in intestine and liver of spot (<i>Leiostomus xanthurus</i>) from a polycyclic aromatic hydrocarbon contaminated environment	119
<i>S.E. Belanger, D.S. Cherry and J. Cairns, Jr. (U.S.A.)</i>	
Functional and pathological impairment of Japanese Medaka (<i>Oryzias latipes</i>) by long-term asbestos exposure	133
<i>F.W.H. Beamish and A. Tandler (Israel)</i>	
Ambient ammonia, diet and growth in lake trout	155
<i>D.J. Fischer and J.R. Clark (U.S.A.)</i>	
Bioaccumulation of Kepone by grass shrimp (<i>Palaeomonetes pgio</i>); importance of dietary accumulation and food ration	167

Number 3

<i>M.G. Barron, G.R. Stehly and W.L. Hayton (U.S.A.)</i>	
Pharmacokinetic modeling in aquatic animals. I. Models and concepts – Review	187
<i>N.S. Weatherly, A.P. Rogers, X. Goenaga and S.J. Ormerod (U.K.)</i>	
The survival of early life stages of brown trout (<i>Salmo trutta</i> L.) in relation to aluminium speciation in upland Welsh streams	213
<i>S. Ebele, A.A. Oladimeji and J.A. Daramola (Nigeria)</i>	
Molluscicidal and piscicidal properties of copper(II) tetraoxosulfate(VI) on <i>Bulinus globosus</i> (Morelet) and <i>Clarias anguillaris</i> (L.)	231
<i>M. Cajina-Quezada and T.W. Schultz (U.S.A.)</i>	
Structure-toxicity relationships for selected weak acid respiratory uncouplers	239
<i>A.F. Povlsen, B. Korsgaard and P. Bjerregaard (Denmark)</i>	
The effect of cadmium on vitellogenin metabolism in estradiol-induced flounder (<i>Platichthys flesus</i> (L.)) males and females	253
<i>D.L. McCulloch (U.S.A.)</i>	
Metabolic response of the grass shrimp <i>Palaemonetes kadiakensis</i> Rathbun, to acute exposure of sublethal changes in pH	263
<i>M.C. Black and J.F. McCarthy (U.S.A.)</i>	
Effects of sublethal exposure to chlorine on the uptake of polychlorinated biphenyl congeners by rainbow trout, <i>Salmo gairdneri</i> (Richardson)	275
<i>Announcements</i>	291

Number 4

<i>C.H. Walker (U.K.)</i>	
Persistent pollutants in fish-eating sea birds – bioaccumulation, metabolism and effects – Review	293
<i>C.W.M. Bodar, E.G. van Donselaar and H.J. Herwig (The Netherlands)</i>	
Cytopathological investigations of digestive tract and storage cells in <i>Daphnia magna</i> exposed to cadmium and tributyltin	325
<i>C.W.M. Bodar, P.A. Voogt and D.I. Zandee (The Netherlands)</i>	
Ecosteroids in <i>Daphnia magna</i> : their role in moulting and reproduction and their levels upon exposure to cadmium	339
<i>Contents of Volume 17</i>	351
<i>Author index</i>	355